



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

FEE

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION  
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

DP BARCODE No.: D456753; FILE SYMBOL No.: 94442-R; PRODUCT NAME: Fiestar 280 SL; DECISION No.: 559150; PC CODE(S): 128850; ACTION CODE: R310; FOOD USE: Yes; COMPANY: Kenso Corporation (M) SDN BHD.

DOCUMENT CONTAINS CONFIDENTIAL BUSINESS INFORMATION

DATE OUT: August 25, 2020

SUBJECT: End Use Product Chemistry Review  
Product Name: Fiestar 280 SL

FROM: Dehui Duan, PhD *DDuan* 8-26-2020  
Product Chemistry Team, CITAB / RD (7505P)

THROUGH: Shyam Mathur, PhD *sbmathur* 8-26-2020  
Product Chemistry Team Leader, CITAB / RD (7505P)

TO: Francisco Llarena-Arias / Erik Kraft, RM 24  
FHB / RD (7505P)

INTRODUCTION:

The registrant has submitted an application to register a new EP of Fiestar 280 SL. In support of the application, the registrant has submitted a basic CSF and alternate CSFs # 1-8 dated 5/27/2020, and Group A & Group B product chemistry data with MRID Nos. 50975901-03. CITAB has been asked to determine the acceptability of the proposed CSFs and the supporting product chemistry data.

SUMMARY OF FINDINGS:

1. Name of Active Ingredient(s):

PC code	Active Ingredient (purity)	Reg. No.	NC of AI in product
128850	Glufosinate (95.0 %)	7969-446	24.476 %

2. Has the registrant claimed substantial similarity to a registered product?

[ ] Yes; [ ] No; [X] NA; if yes give the registration number of the cited product.

EPA Reg. No.:

3. All of the source materials of the active ingredient are derived from registered sources- [X] Yes [ ] No
4. All inert ingredients have been screened by CITAB (Inert group) and found to be approved for the proposed labeled uses: [X] Yes; [ ] No

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5. Confidential Statement of Formula(s):

☒ Basic - Dated: 5/27/2020; Re-submitted - Dated:

☒ Alternate CSFs #1-8 – Dated: 5/27/2020; Re-submitted alt CSF – Dated:

Alternate CSF(s) complies with 40CFR§152.43: ☒ Yes; ☐ No; ☐ NA

6. Product label

- a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2).

☒ Yes; ☐ No; if not, explain below:

Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredients)?

☒ Yes; ☐ No; if not, explain below:

Metallic equivalent:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
Soluble arsenic:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
Isomeric ratios:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
Acid Equivalent:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA

- b. Health related sub statements: Product contains?

Petroleum distillate at > 10%:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> NA
Methanol at > 4%:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> NA
Sodium nitrate/Sodium nitrite	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> NA

- c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?  
☐ Yes; ☒ No

Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?

☐ Yes; ☐ No; ☒ NA; if not, explain below

- d. Label requires an additional Storage and Disposal statement:

☐ Yes; ☒ No; if yes explain below:

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7. Group A: Product Chemistry Data

Guideline No.	Study Title		Data Provided		CITAB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	50975901
830.1600	Description of materials used to produce the product		X		A	50975901
830.1650	Description of formulation process		X		A	50975901
830.1670	Discussion on the formation of impurities		X		A	50975901
830.1700	Preliminary analysis				NA	
830.1750	Certified limits (158.350)	Standard certified limits	X		A	Basic CSF dated 5/27/2020
		Proposed Limits				
		Justification for wider limits				
830.1800	Enforcement analytical method		X		A	50975901 50975903 IEC-UV at 195nm validated for specificity, linearity, precision.

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress, NA = Not Applicable; U = Upgradeable.

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8. Group B: Product chemistry data

Guideline No.	Study Title	Value or Qualitative Description	CITAB's Assessment of Data	MRID Nos.
830.6303	Physical State	Wine red and odorless liquid	A	50975902 50975903
830.6314	Oxidation/reduction	The product does not contain an oxidizing or reducing agent.	NA	50975902
830.6315	Flammability	The product does not contain combustible liquids.	NA	50975902
830.6316	Explodability	The product is not potentially explosive.	NA	50975902
830.7000	pH	6.72 at 25.2 °C	A	50975902 50975903
830.7100	Viscosity	0.167 Pa.S @ 20 °C 0.088 Pa.S @ 40 °C	A	50975902 50975903
830.7300	Density (units)	1.1455 g/mL at 20 °C	A	50975902 50975903
830.6317	Storage stability Or Accelerated storage stability	Stable at 54 ± 2°C for two weeks.	A	50975902 50975903
830.6320	Corrosion characteristics or Accelerated corrosion characteristics	No changes to product packaging when stored at 54 ± 2°C for two weeks.	A	50975902 50975903

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**CONCLUSIONS:**

CITAB has reviewed the product chemistry data submitted for the end-use product and has concluded that:

**A. Substantial similarity to the cited product (Reg. No. ) from Product chemistry view point**

- ☐ Similar
- ☐ Not similar, give reasons:
- ☐ Identical
- ☐ Not identical
- ☒ Not applicable

**B. Confidential Statement of formula**

1. Basic CSF (dated: 5/27/2020)
  - ☒ Acceptable
  - ☐ Not Acceptable:
  - ☐ Not Applicable
2. Alternate CSFs #1-8 (dated: 5/27/2020)
  - ☒ Acceptable
  - ☐ Not Acceptable:
  - ☐ Not Applicable

**C. Group A Product Chemistry Data**

- ☒ Acceptable
- ☐ Acceptable with the exception of the guideline:
- ☐ Not acceptable
- ☐ Not required
- ☐ Data cited; ☐ Acceptable; ☐ Not Acceptable (give reasons)

**D. Group B Product chemistry data**

- ☒ Acceptable
- ☐ Not acceptable
- ☐ Acceptable with the exception of the guideline:
- ☐ Not required
- ☐ Data cited; ☐ Acceptable; ☐ Not Acceptable, ☐ Not applicable
- ☐ Waiver requests – ☐ Granted; ☐ Denied, ☐ Not applicable

**E. Product Label/Draft Label: Recommendations – Yes [ ]; No [X]**

